IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1.   (Original)   A method for scheduling radio resource management (RRM) procedures in a wireless communication system, comprising the steps of:

(a)   receiving at least one trigger;

(b)   evaluating the at least one trigger;

(c)   selecting RRM procedures to execute, based upon the evaluation of the at least one trigger;

(d)   executing the selected RRM procedures;

(e)   analyzing the results of the selected RRM procedures;

(f)   choosing a subset of the selected RRM procedures to determine an optimal set of results; and

(g)   executing the subset of RRM procedures.

2.   (Original)   The method according to claim 1, wherein step (g) includes the steps of:

placing a radio link into a busy state, whereby the radio link is accessible only by the currently executing RRM procedure;

performing the RRM procedure on the radio link;

preparing a set of predicted measurements for use by the other RRM procedures in the subset; and

placing the radio link into an idle state, whereby the radio link is accessible by any RRM procedure.

3.   (Original)   The method according to claim 2, wherein the performing step includes configuring a radio link.

4.   (Original)   The method according to claim 2, wherein the performing step includes reconfiguring an existing radio link.

5.   (Original)   The method according to claim 2, wherein if the RRM procedure to be performed needs access to a radio link that is in the busy state, then performing the steps of:

setting a flag associated with the RRM procedure to indicate a pending state; and

queuing the RRM procedure to be performed at a later time.

6.   (Original)   The method according to claim 5, wherein any queued RRM procedures are performed when the radio link is in the idle state.

7.   (Original)   The method according to claim 2, wherein the set of predicted measurements is stored in a centralized database.

8.   (Original)   The method according to claim 1, further comprising the step of ordering the subset of RRM procedures, the ordering step being performed before step (g).

9.   (Original)   A method for scheduling radio resource management (RRM) procedures in a wireless communication system, comprising the steps of:

receiving at least one trigger, each trigger being associated with at least one RRM procedure;

placing a radio link into a busy state, whereby the radio link is accessible only by a currently executing RRM procedure;

performing the RRM procedure on the radio link;

preparing a set of predicted measurements for use by the other RRM procedures; and

placing the radio link into an idle state, whereby the radio link is accessible by any RRM procedure.

10. (Original) The method according to claim 9, wherein the performing step includes configuring a radio link.

11. (Original) The method according to claim 9, wherein the performing step includes reconfiguring an existing radio link.

12. (Original) The method according to claim 9, wherein if the RRM procedure to be performed needs access to a radio link that is in the busy state, then performing the steps of:

setting a flag associated with the RRM procedure to indicate a pending state; and

queuing the RRM procedure to be performed at a later time.

13. (Original) The method according to claim 12, wherein any queued RRM procedures are performed when the radio link is in the idle state.

14.   (Original)   The method according to claim 9, wherein the set of predicted measurements is stored in a centralized database.